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=> s PPAR gamma AND coactivator
L1 267 PPAR GAMMA AND COACTIVATOR

PROCESSING COMPLETED FOR L1 => dup rem ||

118 DUP REM L1 (149 DUPLICATES REMOVED)

=> s 12 and PGC-1 29 L2 AND PGC-1

=> dup rem 14

=> s 13 and (assay or screen or test or identif?)
L4 13 L3 AND (ASSAY OR SCREEN OR TEST OR IDENTIF?)

PROCESSING COMPLETED FOR L4

13 DUP REM L4 (0 DUPLICATES REMOVED)

=> d 1-13 ti so

L5 ANSWER | OF 13 CAPLUS COPYRIGHT 2002 ACS TI Regulation of human PGC-1-like protein in prevention and treatment of various dysfunctions or diseases

SO PCT Int. Appl., 85 pp. CODEN: PIXXD2

L5 ANSWER 2 OF 13 MEDLINE

22528-33 Transcriptional effects of chronic akt activation in the heart.

JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jun 21) 277 (25)

Journal code: 2985121R. ISSN: 0021-9258

L5 ANSWER 3 OF 13 MEDLINE
TI Peroxisome proliferator-activated receptor (PPAR) gamma
coadrivator-1 recruitment regulates PPAR subtype specificity,
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 May 10) 277 (19)

Journal code: 2985121R. ISSN: 0021-9258

diseases and for target and drug discovery

O PCT Int. Appl., 183 pp.

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serum-inducible coactivator of nuclear respiratory factor -dependent transcription in mammalian cells

SO MOLECULAR AND CELLULAR BIOLOGY, (2001 Jun) 21 (11) 3738-

Journal code: 8109087. ISSN: 0270-7306.

L5 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2002 ACS TI Mutation analysis of peroxisome proliferator-activated re Mutation analysis of peroxisome proliferator-activated receptor-gamma coactivator-1 (PGC-1) and relationships of

ANSWER 7 OF 13 CAPLUS COPYRIGHT 2002 ACS

Peroxisome proliferator-activated receptor. alpha. activates transcription of the brown fat uncoupling protein-1 gente: a link between regulation of the thermogenic and lipid oxidation pathways in the brown fat cell Dournal of Biological Chemistry (2001), 276(2), 1486-1493 CODEN: JBCHA3; ISSN: 0021-9258

FOXC2 is a winged helix gene that counteracts obesity,

SO hypertriglyceridemia, and diet-induced insulin resistance
O Cell (Cambridge, MA, United States) (2001), 106(5), 563-573
CODEN: CELLB5; ISSN: 0092-8674

L5 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2002 ACS TI PGC-1, a versatile coactivator

S PGC-1, a versatile coactivator

Trends in Endocrinology and Metabolism (2001), 12(8), 360-365
 CODEN: TENME4, ISSN: 1043-2760

ANSWER 10 OF 13 CAPLUS COPYRIGHT 2002 ACS

activities

CODEN: PIXXD2

MOLECULAR AND CELLULAR BIOLOGY, (2000 Mar) 20 (5) 1868-

Journal code: 8109087. ISSN: 0270-7306

L5 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2002 ACS

Cloning and mRNA tissue distribution of human PPAR gamma

L5 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2002 ACS TI Modulation of mitochondrial mass and function for the treatment of

So CODEN: PIXXD2

LS ANSWER 5 OF 13 MEDLINE Pgc-1-related coactivator, a novel,

identified amino acid polymorphisms to Type II diabetes mellitus SO Diabetologia (2001), 44(12), 2220-2226 CODEN: DBTGAJ; ISSN: 0012-186X

S

L5 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2002 ACS

biological function in brown adipose tissue thermogenesis and related gamma. coactivator (PGC-1) and its Cloning and cDNA sequences of murine and human PPAR

PCT Int. Appl., 125 pp.

control of nuclear genes encoding mitochondrial fatty acid oxidation

coactivator-1

SO CODEN: IJOBDP, ISSN: 0307-0565 International Journal of Obesity (1999), 23(12), 1327-1332

L5 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2002 ACS TI A cold-inducible coactivator of nuclear receptors linked to

adaptive thermogenesis
SO Cell (Cambridge, Massachusetts) (1998), 92(6), 829-839
CODEN: CELLB5; ISSN: 0092-8674

₽ L ANSWER 13 OF 13 CAPLUS COPYRIGHT 2002 ACS Adaptive thermogenesis is an important component of energy homeostasis

and a metabolic defense against obesity. The authors have cloned a novel

transcriptional coactivator of nuclear receptors, termed PGC-1, from a brown fat cDNA library. PGC-I mRNA expression is dramatically elevated upon cold exposure of

PPAR gamma, and the thyroid hormone receptor on the PGC-1 greatly increases the transcriptional activity of mice in both brown fat and skeletal muscle, key thermogenic tissues.

content of mitochondrial DNA. These results indicate that PGC-I plays a key role in linking nuclear receptors to the mitochondrial enzymes of the respiratory chain, and increases the cellular uncoupling protein (UCP-1) promoter. Ectopic expression of PGC-1 in white adipose cells activates expression of UCP-1 and key

transcriptional program of adaptive thermogenesis.

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2 1820 ANDERSON?/AU AND MITOCHON?

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2 L9 AND CLEVENGER?/AU

=> d 1-2 au ti so

L11 ANSWER I OF 2 CAPLUS COPYRIGHT 2002 ACS IN Anderson, Christen M.; Clevenger, William, Becker, K.

David; Grako, Kathryn

II Modulation of mitochondrial mass and function for the treatment of

diseases and for target and drug discovery

SO U.S. Pat. Appl. Publ., 65 pp., Cont.-in-part of U. S. Ser. No. 49,176. CODEN: USXXCO

L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS IN Anderson, Christen M.; Clevenger, William; Becker,

PA Mitokor, USA SO PCT Int. Appl., 183 pp. of diseases and for target and drug discovery

IN Anderson, Christen M.; Clevenger, William, Becker, David K.; Grako, PI US 2002049176 AI 20020425 PRAI US 1999-164533P P 19991110 TI Modulation of mitochondrial mass and function for the treatment LIS ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS SO U.S. Pat. Appl. Publ., 65 pp., Cont.-in-part of U. S. Ser. No. 49,176. CODEN: USXXCO FAN.CNT 2 DN 134:361379 of diseases and for target and drug discovery

IN Anderson, Christen M.; Clevenger, William, Becker, K. David; Grako, PA USA LIS ANSWER I OF 4 CAPLUS COPYRIGHT 2002 ACS AN 2002:315465 CAPLUS FAN.CNT 2 TI Modulation of mitochondrial mass and function for the treatment => d l-4 PROCESSING COMPLETED FOR L14
L15 4 DUP REM L14 (0 DUPLICATES REMOVED) => s Grako?/au and (mitochond?) => a 19 and Becker?/au
A IS NOT A RECOGNIZED COMMAND David K.; Grako, Kathryn A.

TI Modulation of mitochondrial mass and function for the treatment of diseases and for target and drug discovery

SO PCT Int. Appl., 183 pp. => s 19 and Grako?/au => s !9 and Becker?/au The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>). PATENT NO. CODEN: PIXXD2 Kathryn A. US 2000-712032 A2 20001113 PATENT NO. 2001:360282 CAPLUS English 136:319406 2 L9 AND GRAKO?/AU 4 GRAKO?/AU AND (MITOCHOND?) 2 L9 AND BECKER%AU KIND DATE KIND DATE 19991110 APPLICATION NO. DATE US 2001-795651 20010227 APPLICATION NO. DATE => s 115 and clevenger?//au L18 2 L15 AND CLEVENGER?/AU => s 116 and clevenger?//au L17 2 L16 AND CLEVENGER?/AU AU Grako, Kathryn A. (1); Anderson, Christen M. (1)
CS (1) San Diego, CA USA
SO Diabetes, (1999) Vol. 48, No. SUPPL. 1, pp. A448. => s PGC? and western => s Becker?/au and mitochond? L16 698 BECKER?/AU AND MITOCHOND? Diabetes LA English DT Conference TI Inhibition of mitochondrial-produced ATP contributes to insulin L15 ANSWER 4 OF 4 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. SÓ DÍABETES, (ƯUN 1999) Vol. 48, Supp. [1], pp. 1984-1984. Publisher: AMER DÍABETES ASSOC, 1660 DUKE ST, ALEXANDRIA, VA 22314. TI Inhibition of mitochondrial-produced ATP contributes to insulin LI5 ANSWER 3 OF 4 SCISEARCH COPYRIGHT 2002 ISI (R) AN 1999:483983 SCISEARCH PI WO 2001035096 A2 20010517 WO 2000-US31119 20001113 WO 2001035096 A3 20011129 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, REC Reference Count: 0 AU Grako K A (Reprint); Anderson C M AN 1999-483983 SCISEARCH
GA The Genuine Article (R) Number: 194VR PRAI US 1999-164533P P 19991110 CH, CY, RO, RU, Ŗ FS LIFE; CLIN Meeting Info.: 59th Scientific Sessions of the American Diabetes Association San Diego, California, USA June 19-22, 1999 American Association resistance. ISSN: 0012-1797. ISSN: 0012-1797. English PREV199900385541 1999:385541 BIOSIS SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, Conference; Journal DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,

81 PGC? AND WESTERN

and its expression in Escherichia coli.

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Texas 77555, USA.

NC CA 88137 (NCI)

KO2 A150049 (NIAID)

R01 A145999 (NIAID)
DN 21325478 PubMed ID: 11431992
TI Cloning of gene related to salt tolerance from Sinorhizobium fredii RT19
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                                                                                                                                                                                                                                                                                                                                                                     CY United States
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Journal code: 0372762. ISSN: 0012-1606.
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CS Department of Biological Sciences, Stanford University, Stanford, CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TI Maternal and zygotic expression of a nanos-class gene in the leech
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AN 2002125338 MEDLINE
DN 21843152 PubMed ID: 11854247
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U Kang Dongmin; Pilon Marc; Weisblat David A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    recognizes a malaria transmission-blocking epitope in Plasmodium gallinaceum ookinetes unrelated to the chitinase PgCHT1.
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TI Induction of functional inducible nitric oxide synthase in monocytes of EM 199912 ED Entered STN: 20000113 SO KIDNEY INTERNATIONAL, (1999 Nov) 56 (5) 1721-8 DN PREV199900505717 ABSTRACTS INC L21 ANSWER 6 OF 10 BIOSIS COPYRIGHT 2002 BIOLOGICAL CY United States AU Ingram A J; Ly H; Thai K; Kang M J; Scnotey J w CS Department of Medicine, McMaster University, Hamilton, Ontario, immunoprecipitation and immunohistochemistry.

AU Gutscher, M.; Eder, S.; Mueller, M.; Claus, R. (1).

CS (1) Fachgeier Tierhaltung und Leistungsphysiologie, Institut fuer Tierhaltung und Tierzuechtung, Umversitaet Hohenheim, Garbenstr. 17, 470a, 70599, Sungart: thekere@mi-bohenheim.de Germany TI Mesangial cell signaling cascades in response to mechanical strain and AN 2000040869 MEDLINE DN 20040869 PubMed ID: 10571780 SO Animal Science (Pencaitland), (October, 2001) Vol. 73, No. 2, pp. 267-L21 ANSWER 5 OF 10 MEDLINE LA English 278. and TI The porcine glucocorticoid receptor: Sequencing a 2.1 kb cDNA fragment AN 2002:55323 BIOSIS DN PREV200200055323 ABSTRACTS INC. DUPLICATE AU Ge S C; Liu Y N; Yang S S
C Department of Microbiology, College of Biological Sciences, China
Agricultural University, Beijing 100094, China.
SO 1 CHUAN HSUEH PAO. ACTA GENETICA SINICA, (2001) 28 (6) 575-82. L21 ANSWER 4 OF 10 BIOSIS COPYRIGHT 2002 BIOLOGICAL ED Entered STN: 20010730 Last Updated on STN: 20010730 LA Chinese FS Priority Journals DT. CY China Journal code: 0323470. ISSN: 0085-2538. glucose. Entered Medline: 19991210 ingrama@fhs.mcmaster.ca atients with congestive heart failure: Link with turnour necrosis ISSN: 1357-7298. ast Updated on STN: 20000113 raising specific polyclonal antibodies for western blotting, Journal code: 7900784. ISSN: 0379-4172 Priority Journals; Space Life Sciences 1999:505717 BIOSIS Entered Medline: 20010726 Journal; Article; (JOURNAL ARTICLE) Article English 200107 Journal; Article; (JOURNAL ARTICLE) **DUPLICATE 5** DN 92380188 PubMed ID: 1511691
TI The polygalacturonases of Aspergillus niger are encoded by a family of COL REC Reference Count: 38 DT Article; Journal FS LIFE 331-337 SO HUMAN MOLECULAR GENETICS, (MAR 1996) Vol. 5, No. 3, pp 980, JAPAN DENVER, CO GA The Genuine Article (R) Number: TY879
TI CHAPERONIN-MEDIATED ASSEMBLY OF WILD-TYPE AND MUTANT SUBUNITS OF HUMAN CYA USA; JAPAN 9TH AVE, DENVER, AU KELSON T L; OHURA T; KRAUS JP (Reprint)
CS. UNIV COLORADO, SCH MED, DEPT PEDIAT, BOX C-233, 4200 E EM 199910 ED Entered STN: 20000111 Ç DT Article LA English SL English SO STEROIDS, (1999 Sep) 64 (9) 654-8 AN 96:194668 SCISEARCH DUPLICATE 7 L21 ANSWER 8 OF 10 SCISEARCH COPYRIGHT 2002 ISI (R) AU Keel B A; Davis J S

CS Women's Research Institute, Department of Obstetrics and Gynecology, DN 99431049 PubMed ID 10503724

TI Epidermal growth factor activates extracellular signal-regulated protein SO CS (1) Sezione di Malattie dell'Apparato Respiratorio, Nuove Cliniche IIIrd AU Comini, L.; Bachetti, T.; Agnoletti, L.; Gaia, G.; Curello, S.; Milanest, B.; Volterrani, M.; Parrinello, G.; Ceconi, C.; Giordano, A.; Corti, A.; L21 ANSWER 7 OF 10 MEDLINE \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\* ISSN: 0964-6906 80262; TOHOKU UNIV, SCH MED, DEPT PEDIAT, SENDAI, MIYAGI CO, 80262 (Reprint); UNIV COLORADO, SCH MED, DEPT PEDIAT, PROPIONYL-COA CARBOXYLASE EXPRESSED IN ESCHERICHIAkinases (ERK) in freshly isolated porcine granulosa cells. piano, Ospedale S. Anna, Corso Giovecca 203, 44100, Ferrara Italy D. European Heart Journal, (Oct., 1999) Vol. 20, No. 20, pp. 1503-1513. ANSWER 9 OF 10 MEDIJNE Journal code: 0404536. ISSN: 0039-128X. Entered Medline: 19991026 bkcel@kumc.edu ISSN: 0195-668X. 92380188 Ferrari, R. (1) ENGLISH ast Updated on STN: 20000111 Priority Journals University of Kansas School of Medicine-Wichita, 67214, USA... United States English Journal; Article; (JOURNAL ARTICLE) English 1999431049 MEDLINE MEDLINE

AU Bussink H J; Buxton F P; Fraaye B A; de Graaff L H; Visser J

DUPLICATE 8

TI Response of experimental retinal neovascularization to thiazolidinediones. SO ARCHIVES OF OPHTHALMOLOGY, (2001 May) 119 (5) 709-17.

Journal code: 7706534, ISSN: 0003-9950.

L23 ANSWER 2 OF 3 MEDLINE

ISSN: 0021-9258.

SO Journal of Biological Chemistry, (February 8, 2002) Vol. 277, No. 6, pp. 3913-3917. http://www.jbc.org/. print.

ABSTRACTS INC.
T1 PGC-1 functions as a transcriptional coactivator for

the retinoid X receptors.

L23 ANSWER I OF 3 BIOSIS COPYRIGHT 2002 BIOLOGICAL

=> d 1-3 ti so

123

3 DUP REM L22 (3 DUPLICATES REMOVED)

=> dup rem 122
PROCESSING COMPLETED FOR L22

diverged genes.

=> s PGC-1 and western L22 6 PGC-1 AND WESTERN SO JOURNAL OF BACTERIOLOGY, (1990 Apr.) 172 (4) 1861-9. Journal code: 2985120R. ISSN: 0021-9193. ED Entered STN: 19900601 CY United States CS Department of Microbiology and Immunology, McGill University, TI Insertion mutagenesis of the gene encoding the ferrichrome-iron receptor AN 90202703 MEDLINE DN 90202703 PubMed ID: 2156805 ED Entered STN: 19921018 GENBANK-X65180 FS Priority Journals
OS GENBANK-M85175; GENBANK-M85176; GENBANK-M85177; CY GERMANY: Germany, Federal Republic of SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (1992 Aug 15) 208 (1) 83-90. CS Department of Genetics, Wageningen Agricultural University, The L21 ANSWER 10 OF 10 MEDLINE LA English DT Journal; Article; (JOURNAL ARTICLE) Entered Medline: 19900502 Quebec, Canada. of Escherichia coli K-12. Last Updated on STN: 19990129 Priority Journals Entered Medline: 19920929 GENBANK-X65181; GENBANK-Z11975 GENBANK-S42404; GENBANK-X64356; GENBANK-X65179; Journal code: 0107600. ISSN: 0014-2956. Carmel G; Hellstern D; Henning D; Coulton J W ast Updated on STN: 19921018 English Journal; Article; (JOURNAL ARTICLE) 199005 199209 DUPLICATE 9

DUPLICATE 6

lambda gt 11 expression system.

SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1984 Sep 17) 123 (2) L23 ANSWER 3 OF 3 MEDLINE DUPLICATE | TI Isolation of cDNA clones for human beta-glucocerebrosidase using the Journal code: 0372516, ISSN: 0006-291X

=> d ! au

AU\_Delerive, Philippe (1); Wu, Yifei; Burris, Thomas P.; Chin, William W.; ABSTRACTS INC L23 ANSWER | OF 3 BIOSIS COPYRIGHT 2002 BIOLOGICAL Suen, Chen S.

=> s PGC-1 281 PGC-1

=> s PGC-1 and mitochond? 137 PGC-1 AND MITOCHOND?

=> s 125 and (cold or electric? or adrenerg?) 37 L25 AND (COLD OR ELECTRIC? OR ADRENERG?)

PROCESSING COMPLETED FOR L26 12 DUP REM L26 (25 DUPLICATES REMOVED)

TI Peroxisome proliferator-activated receptor gamma coactivator Ibeta (PGC-Ibeta), a novel PGC-1-related transcription coactivator associated with host cell factor. L27 ANSWER | OF | 12 MEDLINE DUPLICATE I

S Journal code: 2985121R. ISSN: 0021-9258. JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jan 18) 277 (3)

TI Photoperiodic regulation of gene expression in brown and white adipose tissue of Siberian hamsters (Phodopus sungorus).

SO AMERICAN JOURNAL OF PHYSIOLOGY. REGULATORY, INTEGRATIVE AND COMPARATIVE L27 ANSWER 2 OF 12 MEDLINE PHYSIOLOGY, (2002 Jan) 282 (1) R114-21.

Journal code: 100901230, ISSN: 0363-6119.

mitochondrial function in mammalian cells. SO GENE, (2002 Mar 6) 286 (1) 81-9. L27 ANSWER 3 OF 12 MEDLINE Transcriptional activators and coactivators in the nuclear control of **DUPLICATE 2** 

Journal code: 7706761. ISSN: 0378-1119.

SO PCT Int. Appl., 183 pp. L27 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2002 ACS of diseases and for target and drug discovery Modulation of mitochondrial mass and function for the treatment

L27 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2002 ACS TI FOXC2 is a winged helix gene that counteracts obesity,

So hypertriglyceridemia, and diet-induced insulin resistance
O Cell (Cambridge, MA, United States) (2001), 106(5), 563-573
CODEN: CELLBS; ISSN: 0092-8674

I.27 ANSWER 6 OF 12 MEDLINE
TI PGC-1, a versatile coactivator PGC-1, a versatile coactivator

**DUPLICATE 3** 

SO TRENDS IN ENDOCRINOLOGY AND METABOLISM, (2001 Oct) 12 (8) 360-5. Ref. 56 Journal code: 9001516. ISSN: 1043-2760.

L27 ANSWER 7 OF 12 MEDLINE
TI Rapid in vivo PGC-1 mRNA upregulation in brown adipose
tissue of Wistar rats by a beta(3)-adrenergic agonist and lack SO MOLECULAR AND CELLULAR ENDOCRINOLOGY, (2001 May 15)

176 (1-2) 85-90.

Journal code: 7500844, ISSN: 0303-7207.

L27 ANSWER 8 OF 12 MEDLINE
TI cDNA Cloning and mRNA analysis of PGC-1 in **DUPLICATE 4** 

epitrochlearis muscle in swimming-exercised rats.

SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2000 Aug 2) 274 (2)

Journal code: 0372516. ISSN: 0006-291X.

L27 ANSWER 9 OF 12 MEDLINE Role of the beta(3)-adrenergic receptor and/or a putative beta(4)-adrenergic receptor on the expression of uncoupling DUPLICATE 5

proteins and peroxisome proliferator-activated receptor-gamma

COMMUNICATIONS, (1999 Aug 11) 261 (3) SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH

Journal code: 0372516. ISSN: 0006-291X.

L27 ANSWER 10 OF 12 MEDLINE DUPLICATE TI Mechanisms controlling mitochondrial biogenesis and respiration DUPLICATE 6

through the thermogenic coactivator PGC-1. SO CELL, (1999 Jul 9) 98 (1) 115-24.

Journal code: 0413066. ISSN: 0092-8674.

TI Unifying and distinguishing features of brown and white adipose tissues: L27 ANSWER II OF 12 CAPLUS COPYRIGHT 2002 ACS

UCP1 versus other UCPs SO Progress in Obesity Research (1999), 8, 13-26 CODEN: POBREJ, ISSN: 0962-7936

TI A cold-inducible coactivator of nuclear receptors linked to L27 ANSWER 12 OF 12 MEDLINE **DUPLICATE 7** 

SO CELL, (1998 Mar 20) 92 (6) 829-39. Journal code: 0413066, ISSN: 0092-8674

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=> s adrenergic receptor

66071 ADRENERGIC RECEPTOR

protein or immuno? => s 11 and expression and (induc? or activat? or repress?) and (western or 2 FILES SEARCHED.

L2 2319 L1 AND EXPRESSION AND (INDUC? OR ACTIVAT? OR REPRESS?) AND (WEST

**ERN OR PROTEIN OR IMMUNO?**)

=> s I2 and adrenergic receptor/ti
L3 922 L2 AND ADRENERGIC RECEPTOR/TI

=> s l3 and (induc? or activat? or up-regul?)/ti 323 L3 AND (INDUC? OR ACTIVAT? OR UP-REGUL?)/TI

=> dup rem 14

PROCESSING COMPLETED FOR LA

145 DUP REM L4 (178 DUPLICATES REMOVED)

=> d 25-30 ti so

DUPLICATE 15

1.5 ANSWER 25 OF 145 MEDLINE

II Silent alpha(2C)-adrenergic receptors enable coldinduced vasconstriction in cutaneous arteries.

SO AMERICAN JOURNAL OF PHYSIOLOGY. HEART AND CIRCULATORY PHYSIOLOGY. (2000) Apr) 278 (4) H1075-83.

Journal code: 100901228. ISSN: 0363-6135

T1 Expression of functional beta 2-adrenergic L5 ANSWER 26 OF 145 MEDLINE

receptors in a rat airway epithelial cell line (SPOC1) and cell density-dependent induction by glucocorticoids.

SO EXPERIMENTAL LUNG RESEARCH, (2000 Sep) 26 (6) 421-35.

Journal code: 8004944, ISSN: 0190-2148

LS ANSWER 27 OF 145 MEDLINE

TI Stress induces increases in IL-6 production by leucocytes of patients with the chronic inflammatory disease juvenile rheumatoid arthritis: a putative role for alpha(1)-adrenergic

SO JOURNAL OF NEUROIMMUNOLOGY, (2000 Oct 2) 110 (1-2) 223-9. Journal code: 8109498. ISSN: 0165-5728.

LS ANSWER 28 OF 145 MEDLINE DUPI TI Exercise induces lipoprotein lipase and GLUT-4 protein in muscle independent of adrenergic-receptor DUPLICATE 17

S signaling.

JOURNAL OF APPLIED PHYSIOLOGY, (2000 Jul) 89 (1) 176-81 Journal code: 8502536. ISSN: 8750-7587

TI Downregulation of beta adrenergic receptor LS ANSWER 29 OF 145 MEDLINE alloantigen-induced immune response. expression on B cells by activation of early signals in

SO NEUROIMMUNOMODULATION, (2000) 8 (3) 114-21. Journal code: 9422763. ISSN: 1021-7401.

LS ANSWER 30 OF 145 MEDLINE DUPLIC TI Cell proliferation and Ca(2+)-calmodulin dependent protein kinase activation mediated by alpha 1A- and alpha 1B-DUPLICATE 19

SO Acta Pharmacol Sin, (2000 Jan) 21 (1) 55-9. Journal code: 100956087. ISSN: 0253-9756.

adrenergic receptor in HEK293 cells.

=> d 50-55 ti so

LS ANSWER 50 OF 145 MEDLINE **DUPLICATE 36** 

TI alpha2D/A-adrenergic receptor gene induction in the retina by phorbol ester: involvement of an AP-2 element. SO GENES TO CELLS, (1999 Mar) 4 (3) 161-73. Journal code: 9607379. ISSN: 1356-9597.

LS ANSWER 51 OF 145 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC Brain death induces increased beta-adrenergic

receptor (betaAR) kinase 1 expression in the heart.

SO Circulation, (Nov. 2, 1999) Vol. 110, No. 18 SUPPL., pp. I.165.

Meeting Info: "Tand Scientific Sessions of the American Heart Association ISSN: 0009-7322 Atlanta, Georgia, USA November 7-10, 1999

ABSTRACTS INC L5 ANSWER 52 OF 145 BIOSIS COPYRIGHT 2002 BIOLOGICAL

TI Microvascular smooth-muscle specific expression of alpha2C-

adrenergic receptor: Role of oxidant stress and stress-activated protein kinase p38 in gene regulation.

SO Circulation, (Nov. 2, 1999) Vol. 110, No. 18 SUPPL., pp. I.848.

Meeting Info:: 72nd Scientific Sessions of the American Heart Association
Atlanta, Georgia, USA November 7-10, 1999 ISSN: 0009-7322

LS ANSWER 53 OF 145 MEDLINE Cell type-specific transcriptional activation and suppression of **DUPLICATE 37** 

by nuclear factor the alpha I B adrenergic receptor gene middle promoter

Journal code: 2985121R. ISSN: 0021-9258. JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Nov 27) 273 (48)

TI Phosphorylation of the cAMP response element-binding protein and L5 ANSWER 54 OF 145 MEDLINE activation of transcription by alpha1 adrenergic **DUPLICATE 38** 

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Nov 6) 273 (45)

Journal code: 2985121R. ISSN: 0021-9258.

L5 ANSWER 55 OF 145 MEULLINE
TI Differential coupling of alpha1-, alpha2-, and beta-adrenergic receptors to mitogen-activated protein kinase pathways and differentiation in transfected PC12 cells **DUPLICATE 39** 

S 24624-32 JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Sep 18) 273 (38)

Journal code: 2985121R. ISSN: 0021-9258

=> d 75-80 ti so

TI A 20-nucleotide (A + U)-rich element of beta2-adrenergic L5 ANSWER 75 OF 145 MEDLINE receptor (beta2AR) mRNA mediates binding to beta2AR-binding **DUPLICATE 52** 

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Apr 25) 272 (17) destabilization of receptor mRNA. protein and is obligate for agonist-induced

1471-8 Journal code: 2985121R. ISSN: 0021-9258.

TI Beta-adrenergic receptor kinase (GRK2) colocalizes with beta-adrenergic receptors during agonist-LS ANSWER 76 OF 145 MEDLINE induced receptor internalization. **DUPLICATE 53** 

9601-4 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Apr 11) 272 (15)

Journal code: 2985121R. ISSN: 0021-9258

L5 ANSWER 77 OF 145 MEDLINE TI Activated T helper 1 and T helper 2 c

TI Activated T heiper 1 and T heiper 2 cells differentially express the beta-2-adrenergic receptor; a mechanism for selective modulation of T helper 1 cell cytokine production.

SO JOURNAL OF IMMUNOLOGY, (1997 Nov 15) 159 (10) 4857-67. Journal code: 2985117R. ISSN: 0022-1767

TI Exercise-induced changes in .bcta-adrenergic-ANSWER 78 OF 145 CAPLUS COPYRIGHT 2002 ACS

SO Journal of Applied Physiology (1997), 82(6), 1926-1931 CODEN: JAPHEV; ISSN: 8750-7587 receptor mRNA level measured by competitive RT-PCR

**DUPLICATE 54** 

L5 ANSWER 79 Or 143
TI Both the cyclic AMP response element and the activator protein 2 binding site mediate basal and cyclic AMP-protein 2 binding site mediate basal and promoter of the r induced transcription from the dominant promoter of the rat alpha IB-adrenergic receptor gene in DDT1MF-2 cells. SO MOLECULAR PHARMACOLOGY, (1997 Dec) 52 (6) 1019-26.

Journal code: 0035623. ISSN: 0026-895X.

Alpha I D-adrenergic receptors and mitogen-activated protein kinase mediate increased ANSWER 80 OF 145 MEDLINE DUPLICATE 55

SO protein synthesis by arterial smooth muscle.
MOLECULAR PHARMACOLOGY, (1997 May) 51 (5) 764-75.
Journal code: 0035623. ISSN: 0026-895X.

=> d 81-90 ti so

LS ANSWER 81 OF 145 MEDIJNE Selective up-regulation of alphala-adrenergic receptor protein and mRNA in brown adipose tissue by **DUPLICATE 56** 

SO neural and beta3-adrenergic stimulation.

MOLECULAR PHARMACOLOGY, (1997 Apr) 51 (4) 644-50. Journal code: 0035623, ISSN: 0026-895X

TI Strain-specific response to beta 3-adrenergic receptor ANSWER 82 OF 145 MEDLINE

S agonist treatment of diet-induced obesity in mice.

ENDOCRINOLOGY, (1997 Jan) 138 (1) 405-13.

Journal code: 0375040. ISSN: 0013-7227.

ABSTRACTS INC. L5 ANSWER 83 OF 145 BIOSIS COPYRIGHT 2002 BIOLOGICAL

TI Beta-2-adrenergic receptor stimulation induces upregulation of B7-2 expression on antigen-specific B cells and enhances Th2-cell dependent antibody production. SO Journal of Allergy and Clinical Immunology, (1997) Vol. 99, No. 1 PART

pp. S220. Meeting Info: Joint Meeting of the American Academy of Allergy, Asthma

and Immunology, the American Association of Immunologists and the

ISSN: 0091-6749 mmunology Society San Francisco, California, USA February 21-26, 1997 Clinical

L5 ANSWER 84 OF 145 MEDLINE TI Raparnycin inhibits alpha 1-adrenergic receptor stimulated cardiac myocyte hypertrophy but not activation of hypertrophy-associated genes. Evidence for involvement of p70 S6 kinase. D CIRCULATION RESEARCH. (1997 Aug) 81 (2) 176-86

S Journal code: 0047103. ISSN: 0009-7330

L5 ANSWER 85 OF 145 MEDLINE DUPLICATION Ligand-induced overexpression of a constitutively active beta2-

**DUPLICATE 58** 

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF adrenergic receptor: pharmacological creation of a

THE UNITED STATES OF AMERICA, (1997 Jan 7) 94 (1) 137-41

Journal code: 7505876. ISSN: 0027-8424.

L5 ANSWER 86 OF 145 MEDLINE TI Activation of a beta 2-adreneroic rena

**DUPLICATE 59** 

TI Activation of a beta 2-adrenergic receptor
//Os alpha fusion protein elicits a desensitization-resistant
cAMP signal capable of inhibiting proliferation of two camer cell lines.
SO RECEPTORS AND CHANNELS, (1997) 5 (1) 41-51.

Journal code: 9315376. ISSN: 1060-6823.

L5 ANSWER 87 OF 145 MEDLINE

activation of the beta-adrenergic receptor Regulation of the mRNA-binding protein AUF1 by

signal transduction pathway

8493-50 JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Apr 5) 271 (14)

Journal code: 2985121R. ISSN: 0021-9258

L5 ANSWER 88 OF 145 MEDLINE TI Alpha1-adrenergic receptor subtraction Alpha1-adrenergic receptor subtype mRNAs are DUPLICATE 60

differentially regulated by alphal-adrenergic and other hypertrophic

stimuli in cardiac myocytes in culture and in vivo. Repression of alpha IB and alpha ID but induction of alpha IC.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Mar 8) 271 (10) Journal code: 2985121R. ISSN: 0021-9258

L5 ANSWER 89 OF 145 MEDLINE

TI Beta-adrenergic receptor activation promotes process outgrowth in an embryonic rat basal forebrain cell line and in **DUPLICATE 61** 

SO EUROPEAN JOURNAL OF NEUROSCIENCE, (1996 Oct) 8 (10) 2042-

Journal code: 8918110. ISSN: 0953-816X.

II Insulin and insulin-like growth factor I differentially induce LS ANSWER 90 OF 145 MEDLINE alphal-adrenergic receptor subtype expression in rat vascular smooth muscle cells. **DUPLICATE 62** 

SO JOURNAL OF CLINICAL INVESTIGATION, (1996 Oct 15) 98 (8)

Journal code: 7802877, ISSN: 0021-9738

=> d 91-100 ti so

TI Stabilization of the B-type natriuretic peptide mRNA in cardiac myocytes by alpha-adrenergic receptor activation: L5 ANSWER 91 OF 145 MEDLINE potential roles for protein kinase C and mitogen-DUPLICATE 63

activated protein kinase.

SO MOLECULAR ENDOCRINOLOGY, (1996 Dec) 10 (12) 1719-27. Journal code: 8801431, ISSN: 0888-8809.

ANSWER 92 OF 145 MEDLINE

Activation of beta(3) adrenergic receptors suppresses leptin expression and mediates a leptin-independent inhibition of food intake in mice.

SO DIABETES, (1996 Jul) 45 (7) 909-14. Journal code: 0372763, ISSN: 0012-1797

L5 ANSWER 93 OF 145 MEDLINE

TI Post-transcriptional induction of beta 1-adrenergic cells expressing thyroid hormone receptors. receptor by retinoic acid, but not triiodothyronine, in C6 glioma DUPLICATE 64

SO EUROPEAN JOURNAL OF ENDOCRINOLOGY, (1996 Dec) 135 (6)

Journal code: 9423848. ISSN: 0804-4643.

L5 ANSWER 94 OF 145 MEDLINE
TI Adrenergic regulation of ICER (induc repressor) and beta1-adrenergic receptor gene Adrenergic regulation of ICER (inducible cyclic AMP early

SO expression in C6 glioma cells.

O JOURNAL OF NEUROCHEMISTRY, (1996 Aug) 67 (2) 490-7.

Journal code: 2985190R. ISSN: 0022-3042.

LS ANSWER 95 OF 145 MEDLINE

Activation of beta-adrenergic receptor DUPLICATE 65

SO kinase during myocardial ischemia.

CIRCULATION RESEARCH, (1996 Sep) 79 (3) 455-60. Journal code: 0047103, ISSN: 0009-7330

L5 ANSWER 96 OF 145 MEDLINE

**DUPLICATE 66** 

TI Deletion of the N-terminus of a K+ channel brings about short-term modulation by cAMP and beta 1-adrenergic receptor

SO JOURNAL OF MOLECULAR NEUROSCIENCE, (1996 Winter) 7 (4)

L5 ANSWER 97 OF 145 MEDLINE

Journal code: 9002991. ISSN: 0895-8696

TI Evaluation of agonist efficacy and receptor reserve for alpha 2D-adrenergic receptor regulated G protein activation in PC12 cell membranes. **DUPLICATE 67** 

SO PHARMACOLOGY, (1996 Apr) 52 (4) 252-62. Journal code: 0152016. ISSN: 0031-7012

LS ANSWER 98 OF 145 MEDLINE
TI Inducible expression of beta 1- and b Inducible expression of beta 1- and beta 2adrenergic receptors in rat C6 glioma cells: functional **DUPLICATE 68** 

interactions between closely related subtypes. SO MOLECULAR PHARMACOLOGY, (1996 Jul) 50 (1) 175-84. Journal code: 0035623, ISSN: 0026-895X.

LS ANSWER 99 OF 145 CAPLUS COPYRIGHT 2002 ACS TI UVB irradiation induces decreased expression of

SO Archives of Dermatological Research (1996), 289(1), 55-56 CODEN: ADREDL; ISSN: 0340-3696 beta 2-adrenergic receptors in cultured keratinocytes

25259-6 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Oct 20) 270 (42) TI Dual effect of beta-adrenergic receptors on mitogen-activated protein kinase. Evidence for a beta gamma-dependent activation and a G alpha s-cAMP-mediated ANSWER 100 OF 145 MEDLINE **DUPLICATE 69** 

Journal code: 2985121R, ISSN: 0021-9258

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66071 S ADRENERGIC RECEPTOR

L2 2319 S L1 AND EXPRESSION AND (INDUC? OR ACTIVAT? OR REPRESS?) AND (W

922 S L2 ÁND ADRENERGIC RECEPTOR/TI 323 S L3 AND (INDUC? OR ACTIVAT? OR UP-REGUL?)/TI 145 DUP REM L4 (178 DUPLICATES REMOVED)

=> s 14 and express?/ti

99 L4 AND EXPRESS?/TI

PROCESSING COMPLETED FOR L6
L7 46 DUP REM L6 (53 DUPLICATES REMOVED)

ANSWER 20 OF 46 MEDLINE

# 5 Alpha 2-adrenergic receptor activation inhibits calcitonin gene-related peptide expression in cultured

dorsal root ganglia neurons.

D. BRAIN RESEARCH, (1998 Jan 26) 782 (1-2) 184-93.

Journal code: 0045503. ISSN: 0006-8993.

inducible nitric oxide synthases in end-stage human heart failure: their relation to lesion site and beta-adrenergic receptor therapy Heterogeneous expression and activity of endothelial and ANSWER 21 OF 46 MEDLINE DUPLICATE 14

SO CIRCULATION, (1998 Jul 14) 98 (2) 132-9. Journal code: 0147763. ISSN: 0009-7322.

ANSWER 22 OF 46 MEDLINE

mechanism for selective modulation of T helper 1 cell cytokine production. SO JOURNAL OF IMMUNOLOGY, (1997 Nov 15) 159 (10) 4857-67. TI Activated T helper I and T helper 2 cells differentially express the beta-2-adrenergic receptor: a

ABSTRACTS INC. L7 ANSWER 23 OF 46 BIOSIS COPYRIGHT 2002 BIOLOGICAL

Journal code: 2985117R, ISSN: 0022-1767.

TI Beta-2-adrenergic receptor stimulation induces upregulation of B7-2 expression on antigen-specific B cells and enhances Th2-cell dependent antibody production.

SO Journal of Allergy and Clinical Immunology, (1997) Vol. 99, No. 1 PART pp. S220. Meeting Info.: Joint Meeting of the American Academy of Allergy, Asthma and Immunology, the American Association of Immunologists and the

ISSN: 0091-6749. mmunology Society San Francisco, California, USA February 21-26, 1997 Clinical

SO JOURNAL OF CLINICAL INVESTIGATION, (1996 Oct 15) 98 (8) TI Insulin and insulin-like growth factor I differentially induce L7 ANSWER 24 OF 46 MEDLINE in rat vascular smooth muscle cells. Journal code: 7802877, ISSN: 0021-9738 alpha1-adrenergic receptor subtype expression DUPLICATE 15

L7 ANSWER 25 OF 46 MEDLINE
TI Activation of beta(3) adrenergic receptors

inhibition of food intake in mice. suppresses leptin expression and mediates a leptin-independent

SO DIABETES, (1996 Jul) 45 (7) 909-14. Journal code: 0372763. ISSN: 0012-1797

DUPLICATE 16

L7 ANSWER 26 OF 46 MEDLINE
TI Post-transcriptional induction of beta 1-adrenergic receptor by retinoic acid, but not triiodothyronine, in C6 glioma cells expressing thyroid hormone receptors. EUROPEAN JOURNAL OF ENDOCRINOLOGY, (1996 Dec) 135 (6)

Journal code: 9423848. ISSN: 0804-4643.

expression in C6 glioma cells.

SO JOURNAL OF NEUROCHEMISTRY, (1996 Aug) 67 (2) 490-7. L7 ANSWER 27 OF 46 MEDLINE
TI Adrenergic regulation of ICER (inducible cyclic AMP early repressor) and betal-adrenergic receptor gene

Journal code: 2985190R, ISSN: 0022-3042

TI Inducible expression of beta 1- and beta 2-ANSWER 28 OF 46 MEDLINE **DUPLICATE 17** 

interactions between closely related subtypes. SO MOLECULAR PHARMACOLOGY, (1996 Jul) 50 (1) 175-84. adrenergic receptors in rat C6 glioma cells: functional

Journal code: 0035623. ISSN: 0026-895X

TI UVB irradiation induces decreased expression of ANSWER 29 OF 46 CAPLUS COPYRIGHT 2002 ACS

ô beta 2-adrenergic receptors in cultured keratinocytes Archives of Dermatological Research (1996), 289(1), 55-56

CODEN: ADREDL; ISSN: 0340-3696

Ξ L7 Reduced beta-adrenergic receptor activation ANSWER 30 OF 46 MEDLINE

**DUPLICATE 18** 

decreases G-protein expression and beta-adrenergic receptor kinase activity in porcine heart. SO JOURNAL OF CLINICAL INVESTIGATION, (1995 Mar) 95 (3) 1271-

Journal code: 7802877, ISSN: 0021-9738.

=> d 27

ANSWER 27 OF 46 MEDLINE

MEDLINE

TI Adrenergic regulation of ICER (inducible cyclic AMP early DN 96340126 PubMed ID: 8764572 repressor) and beta1-adrenergic receptor gene

expression in C6 glioma cells.

AU Fitzgerald L R; Li Z; Machida C A; Fishman P H; Duman R S CS Division of Molecular Psychiatry, Department of Psychiatry, Yale University School of Medicine, New Haven, Connecticut 06508, USA.

SO JOURNAL OF NEUROCHEMISTRY, (1996 Aug) 67 (2) 490-7 NC 2 PO1 MH25642 (NIMH) MH45481 (NIMH)

3 Journal code: 2985190R. ISSN: 0022-3042 United States

Journal; Article; (JOURNAL ARTICLE)

English

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Priority Journals

Entered Medline: 19960919

=> d 27 ab

ANSWER 27 OF 46 MEDLINE

В B ICER (inducible cyclic AMP early repressor), a member of the cyclic AMP response element (CRE) modulator (CREM) family of transcription factors, is a powerful repressor of cyclic isoforms within 1 h; this was unexpected given previous reports that these treatment. Incubation with isoproterenol also increased levels of CREM ICERgamma, with maximal induction occurring after 2 h of transcription of the betal-adrenergic receptor AMP-mediated transactivation. Our studies characterize the regulation of ICER in C6 glioma cells and investigate its role in repressing induction in levels of mRNA for ICER and its splice variant (beta1AR) gene. Incubation with isoproterenol (100 nM) results in a rapid

> Coexpression of ICER significantly decreased transcriptional activity of a rat beta1AR promoter-lucifierase reporter construct that contains a CRE. In contrast, coexpression of ICER did not influence two runcated rat beta1AR promoter constructs that lack the CRE site. These data demonstrate that complexes. The presence of ICER in these two CRE-binding complexes is demonstrated by their disruption with CREM antibody and by their ICER can interact at the beta IAR promoter to repress influence of ICER beta1AR transcription was directly examined. to that for down-regulation of betaIAR mRNA levels in C6 glioma cells, the isoproterenol induction of ICER mRNA and CRE binding corresponds comigration with recombinant ICER. Because the time course for of ICER and CREM was accompanied by induction of two CRE-binding isoforms are not rapidly induced. Increased expression

=> d 10-19 ti so

ANSWER 10 OF 46 MEDLINE

TI Expression of human (beta)3-adrenergic **DUPLICATE 7** 

receptor induces adipocyte-like features in CHO/K1

SO JOURNAL OF CELL SCIENCE, (1999 Nov) 112 ( Pt 21) 3791-7 Journal code: 0052457, ISSN: 0021-9533.

L7 ANSWER 11 OF 46 MEDLINE
T1 alpha1-adrenergic receptor activatio

**DUPLICATE 8** 

alpha1-adrenergic receptor activation of

c-fos expression in transfected rat-1 fibroblasts: role of Ca2+.
SO JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, (1999 Jun) 289 (3)

Journal code: 0376362. ISSN: 0022-3565

ANSWER 12 OF 46 MEDLINE DUPLICATE 9
Platelet-derived growth factor-BB inhibits rat alpha1D-adrenergic **DUPLICATE 9** 

by inducing AP-2-like protein binding to alpha1D receptor gene expression in vascular smooth muscle cells

proximal promoter region.

MOLECULAR PHARMACOLOGY, (1999 Dec) 56 (6) 1152-61. Journal code: 0035623. ISSN: 0026-895X

L7 ANSWER 13 OF 46 MEDLINE DUPLICATE 10

proliferator-activated receptor-gamma coactivator-1.
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH expression of uncoupling proteins and peroxisome putative beta(4)-adrenergic receptor on the Role of the beta(3)-adrenergic receptor and/or a

COMMUNICATIONS, (1999 Aug 11) 261 (3)

Journal code: 0372516. ISSN: 0006-291X.

ABSTRACTS INC ANSWER 14 OF 46 BIOSIS COPYRIGHT 2002 BIOLOGICAL

TI Brain death induces increased beta-adrenergic

receptor (betaAR) kinase 1 expression in the heart

Atlanta, Georgia, USA November 7-10, 1999 ISSN: 0009-7322. Circulation, (Nov. 2, 1999) Vol. 110, No. 18 SUPPL., pp. I.165.

Meeting Info.: 72nd Scientific Sessions of the American Heart Association

ANSWER 15 OF 46 BIOSIS COPYRIGHT 2002 BIOLOGICAL

activated protein kinase p38 in gene regulation
SO Circulation, (Nov. 2, 1999) Vol. 110, No. 18 SUPPL., pp. 1.848.
Meeting Info: 72nd Scientific Sessions of the American Heart Association
Atlanta, Georgia, USA November 7-10, 1999 TI Microvascular smooth-muscle specific expression of alpha2Cadrenergic receptor: Role of oxidant stress and stress-

ANSWER 16 OF 46 MEDLINE

ISSN: 0009-7322

receptor in the human ocular ciliary epithelium: differential modulation of their expression by the activation of alpha2- and beta2-adrenergic receptors in cultured ciliary Molecular identification and coexpression of galanin and GalR-1 galanin

SO JOURNAL OF NEUROCHEMISTRY, (1998 Dec) 71 (6) 2260-70. Journal code: 2985190R. ISSN: 0022-3042.

L7 ANSWER 17 OF 46 MEDLINE TI Endotoxin-induced alteration in the

leptin and beta3-adrenergic receptor in adipose Endotoxin-induced alteration in the expression of

SO AMERICAN JOURNAL OF PHYSIOLOGY, (1998 Jun) 274 (6 Pt 1) Journal code: 0370511. ISSN: 0002-9513

Formoterol and isoproterenol induce c-fos gene expression in osteoblast-like cells by activating beta2-ANSWER 18 OF 46 MEDLINE DUPLICATE 12

so Journal code: 8504048. ISSN: 8756-3282. adrenergic receptors. BONE, (1998 May) 22 (5) 471-8.

L7 ANSWER 19 OF 46 MEDLINE

Arsenic induces decreased expression of beta2-

SO adrenergic receptors in cultured keratinocytes.

ARCHIVES OF DERMATOLOGICAL RESEARCH, (1998 Jul) 290 (7)

Journal code: 8000462. ISSN: 0340-3696.

=> d 17 ab

ANSWER 17 OF 46 MEDLINE DUPLICATE 11

В

of plasma leptin (maximal response approximately 7-fold, half-maximal effective dose of approximately 16 microg/100 g body wt) and white fat leptin mRNA in CS/HeOUJ micr. LPS also produced a large decrease in adipose tissue beta3-AR mRNA and a parallel reduction in beta-agonist-induced activation of adenylyl cyclase. Changes in threefold increase in white fat TNF mRNA. TNF administration resulted in changes similar to those seen with LPS. We conclude that endotoxemia beta3-adrenergic receptor (beta3-AR), through a mechanism involving TNF-alpha\_Increasing doses of Escherichia coli contribute to the anorexia and cachexia of infection, cancer, and AIDS. The present study tests the hypothesis that endotoxin alters the beta3-AR mRNA in adipose tissue, an effect that may be mediated by results in an induction of leptin mRNA and a decrease in plasma leptin and beta3-AR mRNA were preceded by an approximately endotoxin (lipopolysaccharide, LPS) resulted in dose-dependent elevations expression of two key fat cell proteins, leptin and Cytokines, such as tumor necrosis factor (TNF) and interleukin-6, may

=> s PPAR-gamma L8 3087 PPAR-GAMMA

=> s PPAR-gamma/ti L9 765 PPAR-GAMMA/TI

=> s 19 and express?/ti 184 L9 AND EXPRESS?/TI

=> s 110 and (induc? or activat? or repress? or up-reg? or down-reg? or

REG? OR DOWN-REG? 110 L10 AND (INDUC? OR ACTIVAT? OR REPRESS? OR UP-OR INHIB?)/TI

=> d 20-25 ti so

82 DUP REM L11 (28 DUPLICATES REMOVED)

PROCESSING COMPLETED FOR L11

=> dup rem [] ]

L12 ANSWER 20 OF 82 MEDLINE PPAR-gamma) on the expression of inflammatory cytokines and apoptosis induction in rheumatoid synovial Effects of peroxisome proliferator-activated receptor-gamma ( fibroblasts and monocytes. **DUPLICATE 6** 

SO JOURNAL OF AUTOIMMUNITY, (2001 Nov) 17 (3) 215-21. Journal code: 8812164. ISSN: 0896-8411.

LI2 ANSWER 21 OF 82 CAPLUS COPYRIGHT 2002 ACS
TI Increased expressions of p21WAFi/Cjpi, p27Kipl, and p18INK4c through PPAR%-garma activation lead to G1 arrest of the cell-cycle in human hepatoma cells
SO Japanese Pharmacology & Therapeutics (2001), 29(Suppl. 2), S155-S159

CODEN: JPTABU

TI Novel expression and function of peroxisome proliferator-L12 ANSWER 22 OF 82 CAPLUS COPYRIGHT 2002 ACS activated receptor garrana (PPAR.gamma.) in

CODEN: CCREF4; ISSN: 1078-0432 human neuroblastoma cells Clinical Cancer Research (2001), 7(1), 98-104

TI Expression of peroxisome proliferator-activated L12 ANSWER 23 OF 82 CAPLUS COPYRIGHT 2002 ACS receptor .gamma. (PPAR.gamma.) in synovial tissues of

SO Ensho, Saisei (2001), 21(1), 71-77 CODEN: ENSHCC inflammatory arthritis

L12 ANSWER 24 OF 82 CAPLUS COPYRIGHT 2002 ACS Growth inhibition of PPAR gamma.

expressing brain tumor cells by its own ligand Environmental Medicine (2001), 45(1), 26-28

S CODEN: ENMEE9, ISSN: 0287-0517

L12 ANSWER 25 OF 82 CAPLUS COPYRIGHT 2002 ACS p22phox message expressions in primary endothelial cells The ligands/activators for peroxisome proliferator-activated receptor .alpha. (PPAR.alpha.) and PPAR. garnma. increase Cu2+,Zn2+-superoxide dismutase and decrease

SO Metabolism, Clinical and Experimental (2001), 50(1), 3-11 CODEN: METAAJ; ISSN: 0026-0495

=> d 50-55 ti so

TI PPAR.gamma. activation induces the L12 ANSWER 50 OF 82 CAPLUS COPYRIGHT 2002 ACS

expression of the adipocyte fatty acid binding protein gene in

SO Biochemical and Biophysical Research Communications (1999), 261(2), CODEN: BBRCA9; ISSN: 0006-291X

L12 ANSWER 51 OF 82 CAPLUS COPYRIGHT 2002 ACS

TI PPAR garmra. Inhibits the Expression of c-MET in Human Gastric Cancer Cells through the Suppression of Ets SO Biochemical and Biophysical Research Communications (1999), 265(2),

CODEN: BBRCA9; ISSN: 0006-291X

LI2 ANSWER 52 OF 82 CAPLUS COPYRIGHT 2002 ACS Thiazolidinediones Down-Regulate Plass

garmna. in Endothelial Function Vascular Endothelial Cells: A Possible Role for PPAR. Activator Inhibitor Type 1 Expression in Human

SO Biochemical and Biophysical Research Communications (1999), 258(2),

CODEN: BBRCA9; ISSN: 0006-291X

L12 ANSWER 53 OF 82 CAPLUS COPYRIGHT 2002 ACS TI Inhibition of Ost27/Cbfal expression and terminal osteoblast differentiation by PPAR garmna 2 SO Journal of Cellular Biochemistry (1999), 74(3), 357-371 CODEN: JCEBDS, ISSN: 0730-2312

L12 ANSWER 54 OF 82 CAPLUS COPYRIGHT 2002 ACS Expression of peroxisome proliferator-activated

SO Neoplasia (New York) (1999), 1(4), 330-339 CODEN: NEOPFL; ISSN: 1522-8002 receptor gamma (PPAR gamma) in human transitional bladder cancer and its role in inducing cell death

L12 ANSWER 55 OF 82 MEDLINE

DUPLICATE 13

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Journal code: 8202424. ISSN: 0272-457X

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L12 ANSWER 65 OF 82 CAPLUS COPYRIGHT 2002 ACS

T1 Estrogen-induced production of a peroxisome proliferatoractivated receptor (PPAR) ligand in a PPAR gamma

S CODEN: JBCHA3; ISSN: 0021-9258 expressing tissue Journal of Biological Chemistry (1998), 273(46), 30131-30138

L12 ANSWER 66 OF 82 CAPLUS COPYRIGHT 2002 ACS TI Expression of the peroxisome proliferator-activated

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CODEN: PNASA6; ISSN: 0027-8424 America (1998), 95(13), 7614-7619

L12 ANSWER 67 OF 82 CAPLUS COPYRIGHT 2002 ACS

The short- and long-term effects of turnor necrosis factor-.alpha. and BRL. PPAR).gamma.2 gene expression and other 49653 on peroxisome proliferator-activated receptor (

 Molecular Endocrinology (1998), 12(8), 1150-1160
 CODEN: MOENEN; ISSN: 0888-8809 adipocyte genes

L12 ANSWER 68 OF 82 CAPLUS COPYRIGHT 2002 ACS

S TI Induction of PPAR gamma. 1 expression associated with cellular growth suppression

Biochemical and Biophysical Research Communications (1998), 251(3), in human THP-1 monocytic leukemia cells by 9-cis-retinoic acid is

CODEN: BBRCA9; ISSN: 0006-291X

L12 ANSWER 69 OF 82 CAPLUS COPYRIGHT 2002 ACS

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SO Biochemical and Biophysical Research Communications (1998), 247(2),

CODEN: BBRCA9; ISSN: 0006-291X

L12 ANSWER 70 OF 82 CAPLUS COPYRIGHT 2002 ACS

TI Differential expression of the peroxisome proliferatorits coactivators steroid receptor coactivator-1 and PPAR-binding protein PBP in the brown fat, urinary bladder, colon, and breast of the mouse CODEN: AJPAA4; ISSN: 0002-9440 activated receptor .gamma. (PPAR gamma.) and American Journal of Pathology (1998), 153(2), 349-354

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S Cell (Cambridge, Massachusetts) (1998), 93(2), 229-240
 CODEN: CELLBS; ISSN: 0092-8674

ABSTRACTS INC. L12 ANSWER 72 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL

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Society for Cell Biology Biology San Francisco, California, USA December 12-16, 1998 American Meeting Info.: 38th Annual Meeting of the American Society for Cell ISSN: 1059-1524.

LI2 ANSWER 73 OF 82 CAPLUS COPYRIGHT 2002 ACS

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L12 ANSWER 74 OF 82 CAPLUS COPYRIGHT 2002 ACS S activation in mononuclear phagocytes in vitro

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CODEN: AJPAA4; ISSN: 0002-9440

L12 ANSWER 75 OF 82 CAPLUS COPYRIGHT 2002 ACS
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transport protein and acyl-CoA synthetase genes by PPAR alpha and PPAR gamma activators

SO Journal of Biological Chemistry (1997), 272(45), 28210-28217 CODEN: JBCHA3; ISSN: 0021-9258

L12 ANSWER 76 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. DUPLICATE

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SO Endocrinology, (1997) Vol. 138, No. 7, pp. 2776-2783. ISSN: 0013-7227.

L12 ANSWER 77 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

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Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1

New Orleans, Louisiana, USA October 25-30, 1997 ISSN: 0190-5295.

LI2 ANSWER 78 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

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Meeting Info.: 70th Scientific Sessions of the American Heart Association Orlando, Florida, USA November 9-12, 1997 ISSN: 0009-7322

L12 ANSWER 79 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

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regulated by vitamins A and D during adipocyte differentiation.

80 Diabecologia, (1997) Vol. 40, No. SUPPL. 1, pp. A173.

Meeting Info.: 16th International Diabetes Federation Congress Helsinki, Finland July 20-25, 1997

ISSN: 0012-186X.

L12 ANSWER 80 OF 82 MEDLINE DUPLICATE
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SO GEÑES AND DEVELOPMENT, (1995 Oct 1) 9 (19) 2350-63. Journal code: 8711660. ISSN: 0890-9369.

L12 ANSWER 81 OF 82 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

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**DUPLICATE 17** 

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Journal code: 0375040. ISSN: 0013-7227. L12 ANSWER 82 OF 82 MEDLINE

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